

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,184,486 B1  
APPLICATION NO. : 09/730603  
DATED : February 27, 2007  
INVENTOR(S) : Zining Wu et al.

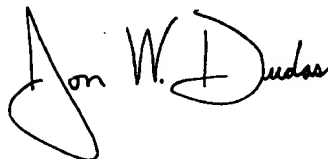
Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title Page: Item (63)	Under Related US Application Data, delete "09/559,188" and insert --09/559,186--
Column 1, Line 37:	Insert --of-- after "decoder"
Column 2, Line 47:	Delete " $l_{rQ_{ml}}$ " and insert -- $l_{rR_{ml}}$ --
Column 3, Line 49:	Delete " $l_{rQ_{ml}}$ " and insert -- $l_{rR_{ml}}$ --
Column 3, Line 54:	Delete " $l_{rQ_{ml}}$ " and insert -- $l_{rR_{ml}}$ --
Column 4, Line 56:	Delete "n" and insert --in--
Column 6, Line 10:	Insert --is-- before "output"
Column 9, Line 59:	Delete "LPDC" and insert --LDPC--
Column 10, Line 60:	Delete "(also referred to herein as an "equation node")"
Column 12, Line 18:	Delete " $l_{rR_L}$ 's" and insert -- $l_{rP_L}$ 's--
Column 12, Line 19:	Delete " $l_{rR_{mL}}$ 's" and insert -- $l_{rAPP_L}$ 's--
Column 12, Line 20:	Delete " $l_{rQ_{Lm}}$ 's" and insert -- $l_{rR_{mL}}$ 's--
Column 12, Line 50:	Insert -- after "throughput"
Column 15, Line 5:	Delete " $S_m=1.222$ " and insert -- $S_m, m=1.222$ --
Column 15, Line 13:	Delete "#" and insert -- $\neq$ --
Column 15, Line 48:	Delete "#" and insert -- $\neq$ --
Column 17, Line 59:	Delete " $l_{rQ_{lm}}$ " and insert -- $l_{rQ_{Lm}}$ --
Column 17, Line 61:	Delete " $l_{rQ_{lm}}$ " and insert -- $l_{rQ_{Lm}}$ --
Column 17, Line 63:	Delete " $l_{rQ_{lm}}$ " and insert -- $l_{rQ_{Lm}}$ --
Column 20, Line 63:	Delete " $l_{rQ_{LM}}$ " and insert -- $l_{rQ_{Lm}}$ --
Column 22, Line 42:	Delete " $b_{s,1}$ " and inser -- $b_{c,1}$ --

Signed and Sealed this

Fifth Day of June, 2007



JON W. DUDAS  
*Director of the United States Patent and Trademark Office*